

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

ML-35885

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☐Other ☐Single Zone ☐Multiple Zone ☐

2. Name of Operator

Samedan Oil Corporation

3. Address of Operator

633, 17th Street, Suite 1280 Denver CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL & 660 ~~FE~~ SE NE

At proposed prod. zone

(FEL)

14. Distance in miles and direction from nearest town or post office*

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

16. No. of acres in lease

1438.68

17. No. of acres assigned
to this well18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

5,700' Akah

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4591 Gr.

22. Approx. date work will start*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 $\frac{1}{4}$	8 5/8	24	500'	250 sx
7 7/8	5 $\frac{1}{2}$	14	5700'	250 sx

Propose to drill 12 $\frac{1}{4}$ " surface hole and run 500' of 8 5/8" 24# csg. 10" "900" series dual hydraulically operated blow out preventers to be installed and tested to 2000 psi before drilling out. BOP's to be operationally checked daily. All prospective zones to be DST'd if warranted by sample shows or in conjunction with "E" log evaluation. Estimated formation tops:

Morrison	Surface	Hermosa	4240'
Navajo	460'	Lower Ismay	5380'
Chinle	1290'	Desert Creek	5500'
Shinarump	2210'	Akah	5700'
Culter	2310'	Total Depth	5700'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title Division Manager

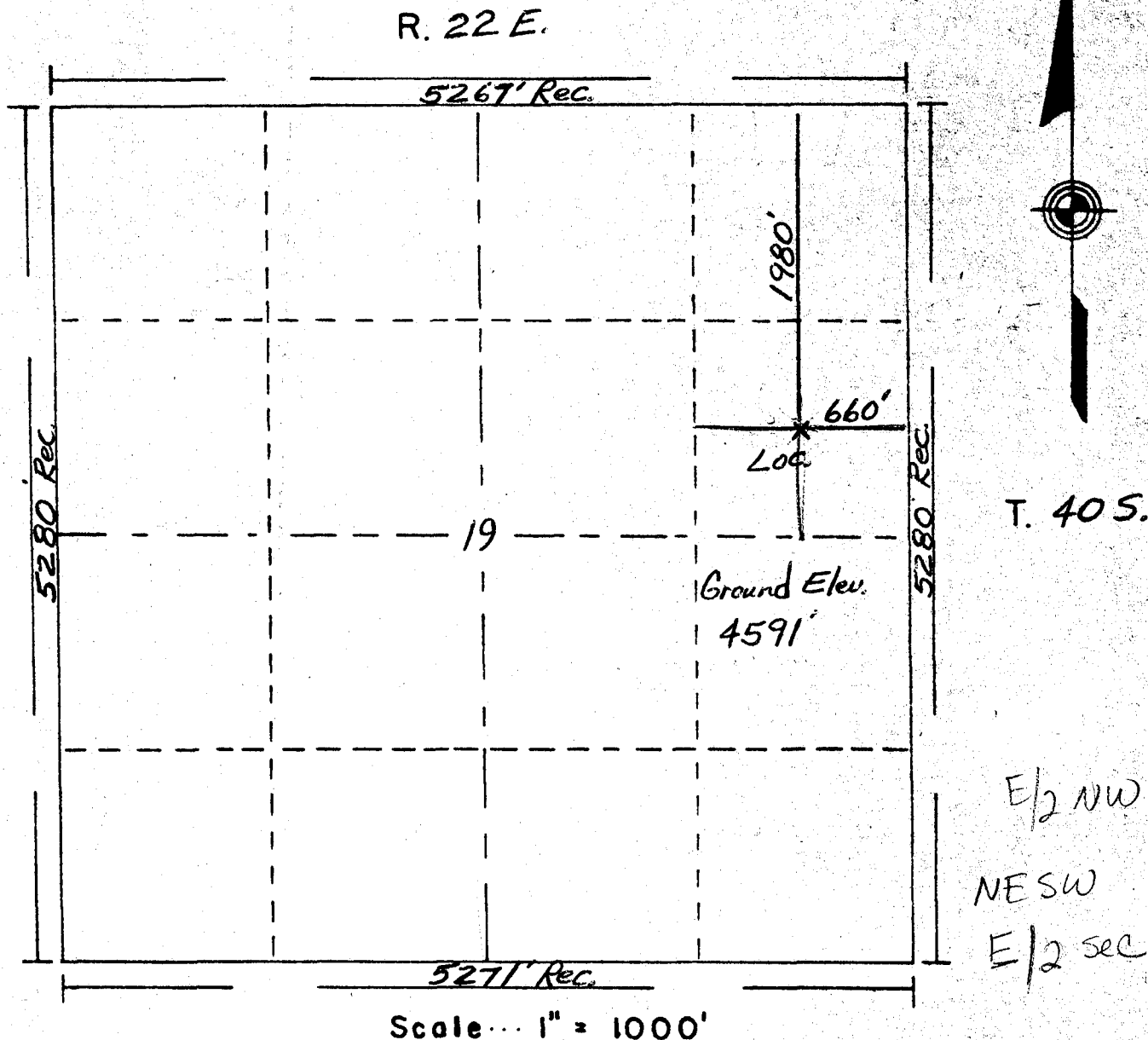
Date August 27, 1979

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:



Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from *Curtis Hancock*
for *Samedan Oil Co.*
determined the location of *#1 State*
to be *1980' FNL & 660' FEL* Section *19* Township *40 S.*
Range *22 E.* *Salt Lake* Meridian
San Juan County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of *#1 State*

Date: 8-15-79

J. Nelson
Licensed Land Surveyor No *2711*
State of *Utah*

RESIDENCE PHONE:
505/325-2188

OFFICE PHONE:
505/325-4900

HAROLD H. BROWN

Consultant in Petroleum Geology

POST OFFICE BOX NO. 94 • PETROLEUM PLAZA BLDG.
FARMINGTON, NEW MEXICO 87401

Samedan Oil Company
State No. 1
1980'NL & 660'EL
Sec. 19, T4CS - R22E
San Juan Co., Utah.

ELEVATIONS: 4591' gr. 4606' df. 4607' kb.
DRILLING CONTRACTOR: Loffland Brothers, Grand Junction, Colo.
GEOLOGIST: Harold H. Brown, Farmington, New Mexico.
ENGINEER: Gary Brune, Denver, Colorado.
MUD COMPANY: Baroid, Farmington, New Mexico.
MUD LOGGING: None.
CASING: 8 5/8" - 503'
TOTAL DEPTH: 5625' Driller.
SPUD DATE: 12/8/79
DATE DRILLING COMPLETED: 12/22/79
CORES: None.
DSTs: One in Lower Ismay. One in Desert Creek.
LOGGER: Schlumberger, Farmington, New Mexico.
OBJECTIVES: To test the Lower Ismay and Desert Creek for oil production.

After setting surface casing a 7 7/8" hole was drilled to total depth. Water was used as drilling fluid to approximately 2300' and chem-gel was used thereafter to total depth. Water was obtained at the San Juan river a few miles south of the location. No water flows occurred and no unusual hole conditions were encountered.

The primary zone of interest was the Lower Ismay that produces in Sections 15 and 16 and also yielded oil from wells drilled by Humble Oil Company in Sections 20 and 21. The secondary zone of interest was the Desert Creek as Humble tested oil from it in the well located in Section 20. A third zone of interest was the top of the Akah as Humble recovered oil in the well in Section 20.

The wellsite geologist logged samples from 4000' to 5625' and plotted drilling time from 3700' to total depth. A lithologic log and drilling time log were plotted on one strip. A copy of the log is attached.

FORMATION LOG TOPS

Chinle	1368'	Lower Ismay	5318' (-711)
Cutler	2428'	Desert Creek	5424' (-817)
Hermosa	4314' (+293)	Akah	5560'
Upper Ismay	5208' (-601)	TD	5625'

STRUCTURE

Structure is compared with the Humble well drilled in the NWNW Section 20 approximately one half mile to the northeast. This well produced some oil for a short time from the Lower Ismay and Desert Creek zones.

	<u>Samedan</u>		<u>Humble</u>
Hermosa	- (+293)	20' High	(+273)
Upper Ismay	- (-601)	24' High	(-625)
Lower Ismay	- (-711)	26' High	(-737)
Desert Creek	---- (-817)	22' High	(-839)

DRILLSTEM TESTS

DST No. 1. 5327' - 5370'. Lower Ismay.
 TO - 15" Very weak blow. SI - 30". TO - 120" - No blow.
 SI - 120". Rec. 450' mud - oil in last stand (95% mud & 5% oil).
 Hole in 9th drill collar from top.

	<u>Top Chart</u>		<u>Bottom Chart</u>	<u>Sampler</u>
IH	2484	IH	2532	2190 cc rec.
IF	116-150	IF	102-142	96% mud,
ISI	218	ISI	204	4% oil.
FF	218-223	FF	204-210	.05 c/g @
FSI	325	FSI	318	125 psi.
FH	2563	FH	2526	
BHT	124°			

DST No. 2. 5515' - 5545'. Desert Creek.
 TO - 15" Weak blow. SI - 30". TO - 120" - Weak blow, died
 before end of test. SI - 120". Rec 35' sl gc mud.

	<u>Top Chart</u>		<u>Bottom Chart</u>
IH	2673	IH	2647
IF	26.8-26.8	IF	26.5-26.5
ISI	160.5	ISI	158.8
FF	26.8-40.2	FF	39.7-53.0
FSI	853.8	FSI	871.1
BHT	123°		

OBJECTIVE ZONES

Lower Ismay Zone. The Lower Ismay is found in the interval 5318' - 5424'. From 5318' to 5374' the section is a limestone white, light grey, tan, dense to medium crystalline and fossiliferous. A slightly better drilling rate occurred in the interval 5330' to 5370' from that above. Through this interval the drilling rate ranged from three to four minutes per foot whereas the rate above it ranged from five to five and a half minutes per foot. No visible porosity was observed but some scattered fluorescence could be seen and there was a slight odor to the samples. Since this was the primary zone of interest a drillstem test was taken with the resultant mud recovery and slight amount of oil. After logs were run, Dave Lambert made log calculations that indicated the zone was tight, with less than four percent porosity, and no further testing was warranted.

Desert Creek Zone. The Desert Creek ranges from 5424' to 5560'. It consists of interbedded limestones, dolomites, anhydrites and dark shales. No visible porosity could be seen in the samples though near the base of the zone some scattered fluorescence was present in a dense, chalky, grey dolomite. Within the interval 5515' - 5545' some drilling broke down to $2\frac{1}{2}$ to 3 minutes per foot suggesting porosity. A drillstem test of this interval recovered drilling mud with no shows. Log evaluation did not indicate further testing was needed in the Desert Creek.

Akah Zone. The Akah was penetrated from 5560' to total depth at 5625'. From 5560' to 5596' the section was interbedded dense, silty limestone and black, silty shale with no shows observed. From 5596' to 5625' the section consisted of salt with no shows. The logs or samples did not indicate that any testing of the Akah was warranted.

RECOMMENDATIONS

No other zones of interest were noted in the well other than the tested zones. Because of the low porosity and probable low hydrocarbon yield in the Lower Ismay it was recommended that the well be plugged and abandoned.

BITS

No. 1	Smith	12 $\frac{1}{4}$ "	DTJ	Out @ 503'	503'	14 hours.
No. 2	Smith	7 7/8"	DGTHJ	Out @ 1477'	974'	13 $\frac{1}{4}$ hours.
No. 3	"	"	F-2A	Out @ 3535'	2058'	74 hours.
No. 4	"	"	F-3	Out @ 4610'	1087'	57 $\frac{1}{4}$ hours.
No. 5	"	"	F-3	Out @ 5370'	760'	48 hours.
No. 6	"	"	F-3	Out @ 5525'	155'	

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: August 31, 1979

Operator: Samedan Oil Corp.

Well No: State #1

Location: Sec. 19 T. 40S R. 22E County: San Juan

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

√ API Number: 43-037-30497

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: CSG OK, BOP OK Int

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☒

O.K. In _____ Unit

Other:

☒ Letter Written/Approved
bcm

#1
Bond filed
prior to
drilling

slotted
on map
State

September 19, 1979

Samedan Oil Corporation
633, 17th Street, Suite 1280
Denver, Colorado 80202

Re: Well No. State #1
Sec. 19, T. 40S, R. 22E.,
San Juan County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to oil and gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure; and contingent upon the fact that a drilling bond be filed with this Division of Utah Division of State Lands prior to drilling.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify one of the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

FRANK M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 531-7827

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30497.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

dd: USGS
Donald Prince

SAMEDAN OIL CORPORATION
SUITE 1280
THE FIRST OF DENVER PLAZA BUILDING
633 - 17th STREET
DENVER, COLORADO 80202

October 9, 1979

Division of State Lands
Department of Natural Resources
Room 411 Empire Building
231 East 400 South
Salt Lake City, Utah 84111

ATTENTION: Mr. Donald G. Prince

Re: Lessee's Blanket
Lease Bond

Gentlemen:

Please find enclosed for your approval and inclusion in your file State of Utah Bond of Lessee - Bond No. 2445567 in the sum of \$25,000, with Samedan Oil Corporation as principal and Safeco Insurance Company of America as surety. If additional information is needed please advise.

Yours very truly,

SAMEDAN OIL CORPORATION


Orville Walraven
Division Landman

OW/kk
Encl

cc: Dept. of Natural Resources
Div. of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116
Att: Mr. Michael T. Minder



DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: Samedan

WELL NAME: State #1

SECTION 19 SE NE TOWNSHIP 40S RANGE 22E COUNTY San Juan

DRILLING CONTRACTOR Laughlin Brothers

RIG # 211

SPODDED: DATE 12/8/79

TIME 8:00 am

How rotary

DRILLING WILL COMMENCE presently

REPORTED BY Gary Brune

TELEPHONE # 303-534-0677

DATE December 10, 1979

SIGNED M. J. Mander

cc: Donald Prince

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Samedan Oil Corporation (Gary Brune)

WELL NAME: State #1

SECTION 19 SE NE TOWNSHIP 40S RANGE 22E COUNTY San Juan

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 5625'

CASING PROGRAM:

8 5.8" @ 503'
7 7/8" openhole

FORMATION TOPS:

Navajo	490'
Chinle	1360'
Cutler	2380'
Hermosa	4320'
Ismay	5205'
Desert Creek	5420'
Akai	5565'

PLUGS SET AS FOLLOWS:

#1 5625' - 5500'
#2 5400' - 5300'
#3 2350' - 2400'
#4 550' - 450'
#5 30' - surface

DATE December 23, 1979

SIGNED *M. T. Prince*

cc: Donald Prince

JOHNSTON

Schlumberger

computerized
data
analysis

COMPUTERIZED DATA ANALYSIS

DECEMBER 27, 1979

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION PRODUCED ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT BUT ADEQUATE SHUT-IN BUILD-UPS DID NOT OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. AFTERFLOW WAS STILL IN EFFECT ON THE INITIAL AND FINAL SHUT-IN BUILD-UPS TO THE EXTENT THAT THE PLOTS ARE CONSIDERED UNRELIABLE FOR ANALYSIS.

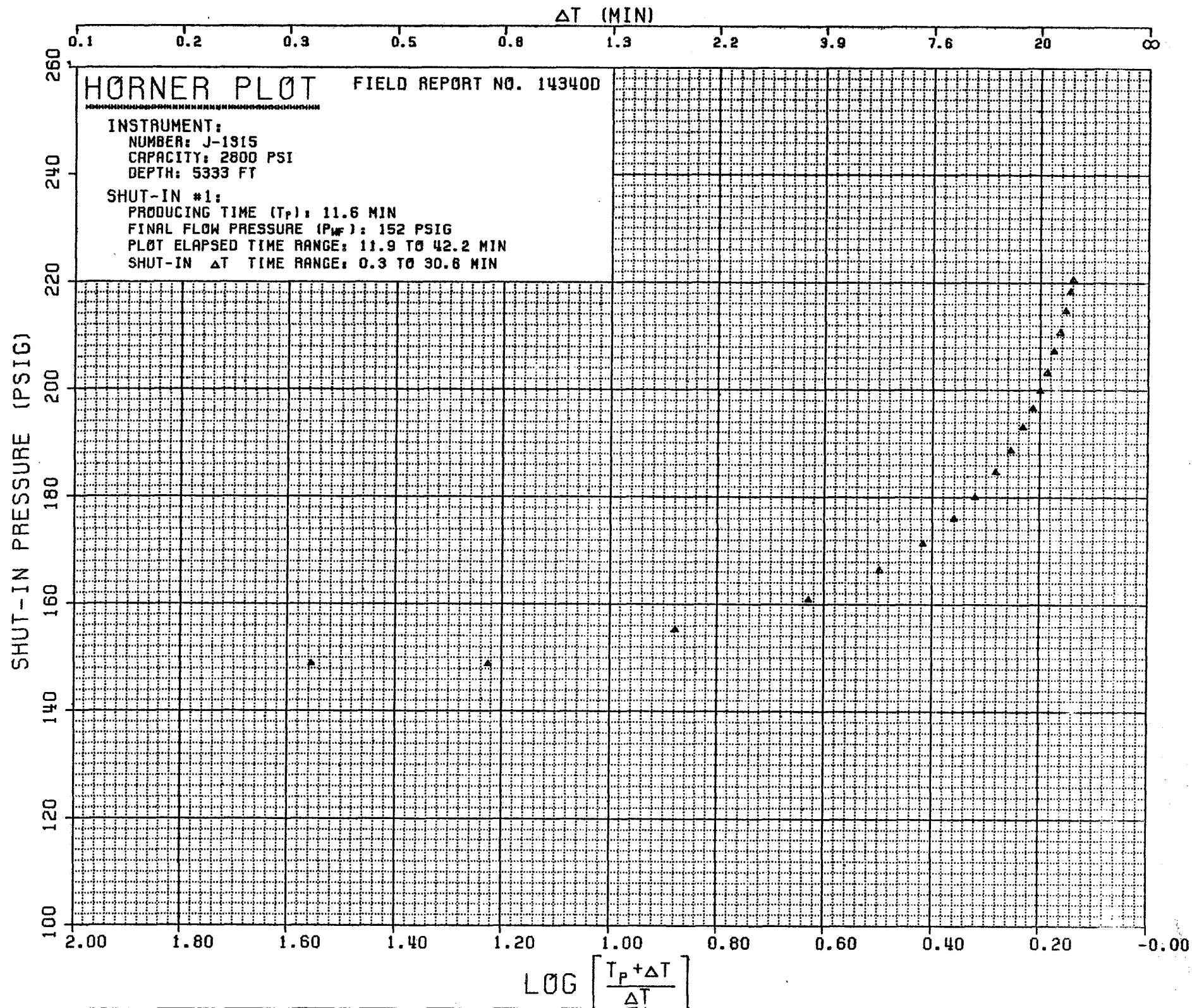
THE SHUT-IN BUILD-UPS ARE TOTALLY DOMINATED BY WELL BORE STORAGE. FOR THIS REASON, RELIABLE RESERVOIR PRESSURES COULD NOT BE OBTAINED AND AN ANALYSIS COULD NOT BE DONE FOR THIS TEST.

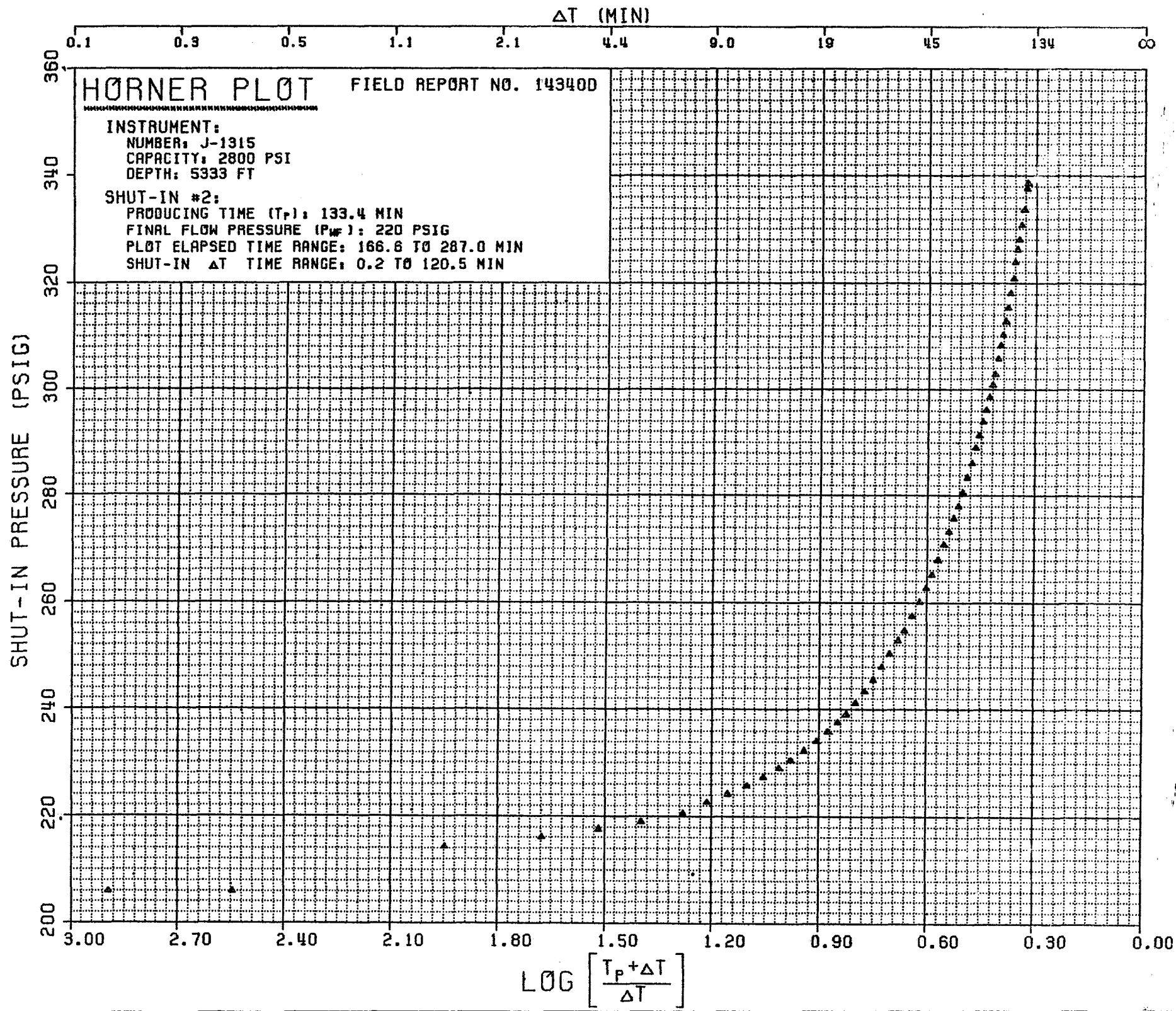
Dennis Myren
DENNIS MYREN
RESERVOIR EVALUATION
DEPARTMENT

SAMEDAN OIL CORPORATION
STATE #1; SAN JUAN COUNTY, UTAH
TEST #1; 5327' TO 5370'
SEC.19-T40S-R22E

FIELD REPORT # 14340 D

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.





FIELD REPORT NO. 143400

INSTRUMENT:

NUMBER: J-1315

CAPACITY: 2800 PSI

DEPTH: 5333 FT

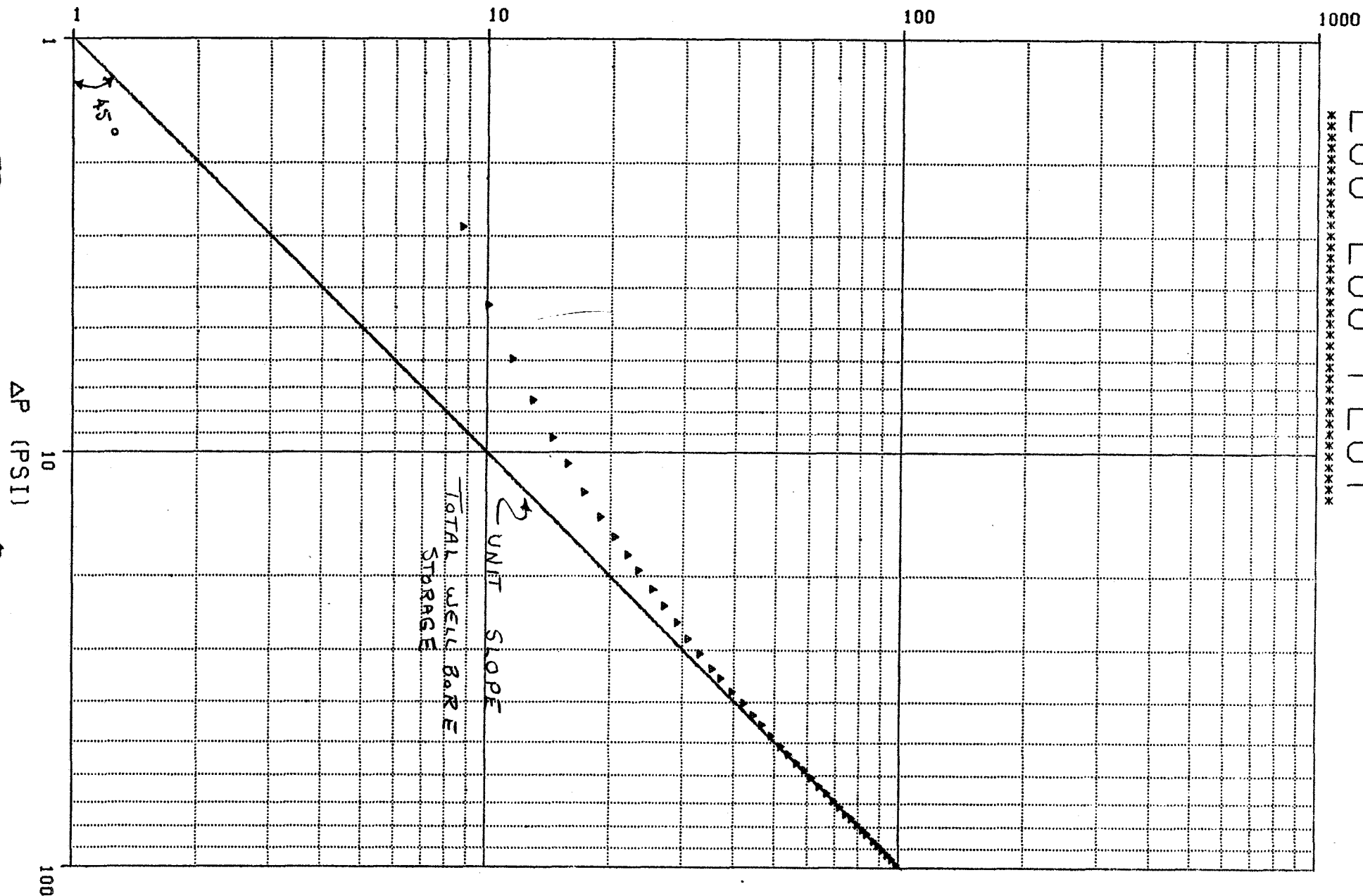
SHUT-IN #2:

FINAL FLOW PRESSURE (P_{WF}): 220 PSIG

PLOT ELAPSED TIME RANGE: 175.2 TO 265.2 MIN

SHUT-IN ΔT TIME RANGE: 8.7 TO 98.7 MIN

ΔT (MIN)



WELL IDENTIFICATION

COMPANY:	SAMEDAN OIL CORPORATION	CUSTOMER:	SAME
	633-17TH STREET; SUITE 1280		
	DENVER, COLORADO 80202		
WELL:	STATE #1	LOCATION:	SEC. 19 - T40S - R22E
TEST INTERVAL:	5327' TO 5370'	FIELD:	WILD CAT
TEST NO:	1	TEST DATE:	12-20-79
COUNTY:	SAN JUAN	STATE:	UTAH
TECHNICIAN:	WALKER (ROCK SPRINGS)	TEST APPROVED BY:	MR. GARY BRUNE

EQUIPMENT AND HOLE DATA

TEST TYPE:	M.F.E. OPEN HOLE	DRILL PIPE LENGTH:	4650	FT.
ELEVATION:	4607	DRILL PIPE I.D.:	3.80	IN.
TOTAL DEPTH:	5370	DRILL COLLAR LENGTH:	641	FT.
MAIN HOLE/CASING SIZE:	7 7/8	DRILL COLLAR I.D.:	2.25	IN.
RAT HOLE/LINER SIZE:	-	PACKER DEPTHS:	5321 & 5327	FT.
FORMATION TESTED:	HERMOSA		&	FT.
NET PROD. INTERVAL:	15	DEPTHS REF. TO:	KELLY BUSHING	FT.
POROSITY:	5-10			%

TEST TOOL CHAMBER DATA

SAMPLER PRESSURE:	125	PSIG
RECOVERED OIL GRAVITY:	- API @	- DEG. F.
RECOVERY GOR:	-	FT3/BBL.

SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESIST. (OHM-M)	MEAS. TEMP. (DEG F.)	CHLOR. (PPM)
GAS:	.05 FT.3			
OIL:	(TRACE) CC			
WATER:	- CC			
MUD:	2190 CC	2.5	30	-
FILTRATE:		.3	30	5600
TOTAL LIQUID:	2190 CC			

MUD DATA

TYPE:	GEL CHEM
WEIGHT:	9.0 LB/GAL.
VISCOSITY:	45 SEC.
WATER LOSS:	9.4 CC
FLUID	RESIST (OHM-M) TEMP (DEG F) CHLOR (PPM)
MUD:	2.5 30 5600
FILTRATE:	.3 30 5600

REMARKS

NO. OF REPORTS REQUESTED: 5

FIELD REPORT NO. 143400

----- SURFACE INFORMATION -----

DESCRIPTION(RATE OF FLOW)	TIME	PRESSURE PSIG	SURFACE CHOKE
SET PACKER	Ø4Ø8	-	-
OPENED TOOL	Ø41Ø	-	1/4"
SLIGHT BLOW			
BLOW, 1/2" IN WATER	Ø417	-	"
BLOW, 1/2" IN WATER	Ø421	-	"
CLOSED FOR INITIAL SHUT-IN	Ø425	-	"
FINISHED SHUT-IN	Ø455	-	"
RE-OPENED TOOL	Ø457	-	"
SLIGHT BLOW			
NO BLOW FOR BALANCE OF FLOW	Ø5Ø5	-	"
CLOSED FOR FINAL SHUT-IN	Ø657	-	"
FINISHED SHUT-IN	Ø857	-	"
PULLED PACKER LOOSE	Ø9Ø5	-	"

CUSHION TYPE: -	- FT	- PSIG	15/16 IN. BOTTOM CHOKE
-----------------	------	--------	------------------------

----- RECOVERY INFORMATION -----

RECOVERY	FEET	BARRELS	%OIL	%WATER	%OTHERS	API GRAV.	DEG.	RESIST	DEG.	CHL PPM
DRILLING MUD	45Ø	-	-	-	-	-	-	2.5	3Ø	55ØØ
BOTTOM SAMPLE: GAS & OIL	-	-	5	-	GAS	-	-	-	-	-
CUT										

FIELD REPORT NO. 1434ØD

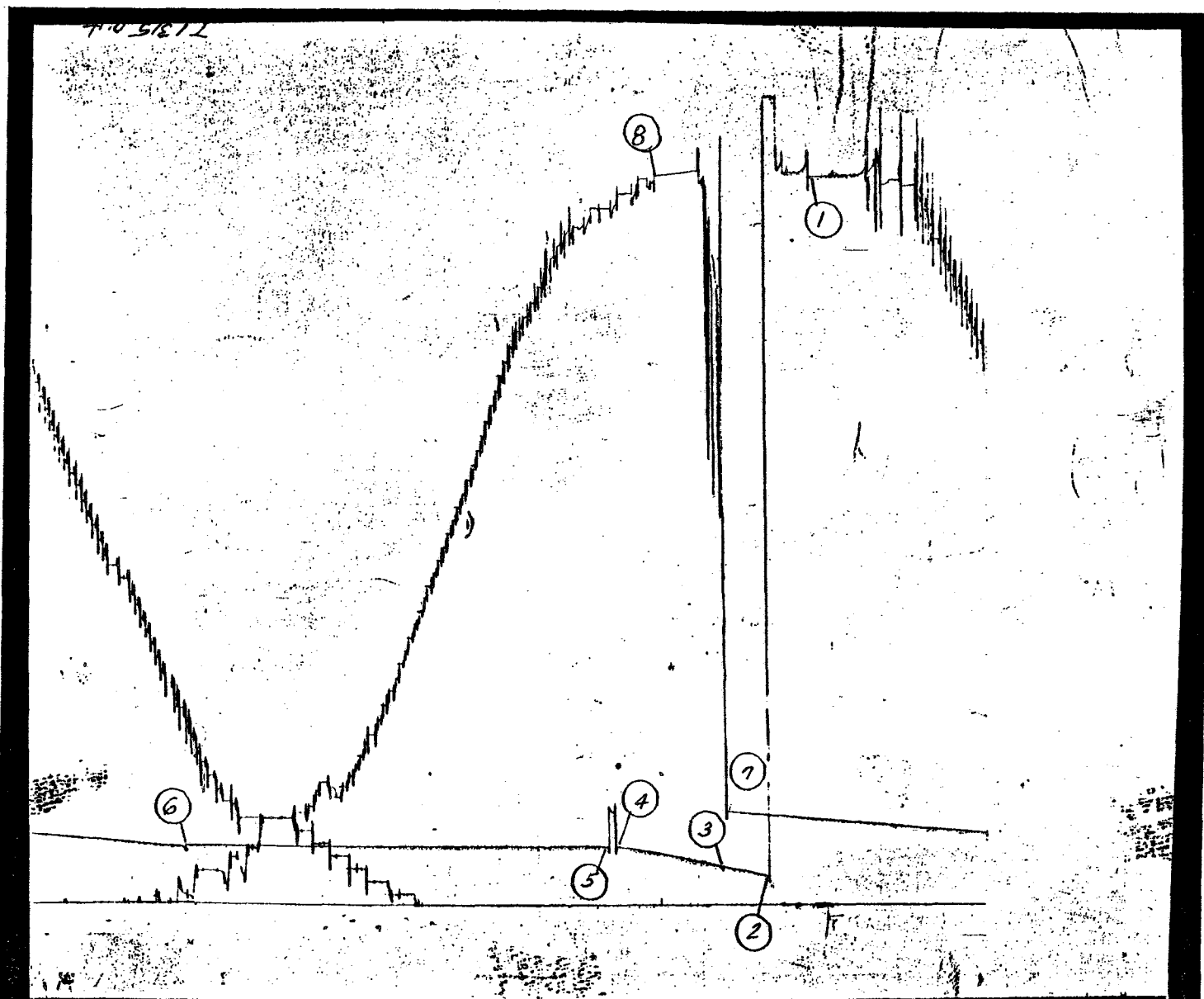
FIELD REPORT NO.: 14340 D

CAPACITY: 2800#

INSTRUMENT NO.: J-033

NUMBER OF REPORTS: 5+

JOHNSTON
Schlumberger



BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-033
PORT OPENING: INSIDE

CAPACITY (PSI): 2800
BOTTOM HOLE TEMP (F): 124

DEPTH (FT): 5295

EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	2476	-10.5
START FLOW	2	101	0.0
END FLOW & START SHUT-IN	3	135	13.3
END SHUT-IN	4	203	44.0
START FLOW	5	201	46.4
END FLOW & START SHUT-IN	6	204	167.1
END SHUT-IN	7	322	286.3
HYDROSTATIC MUD	8	2482	307.7

***** * SUMMARY OF FLOW PERIODS * *****

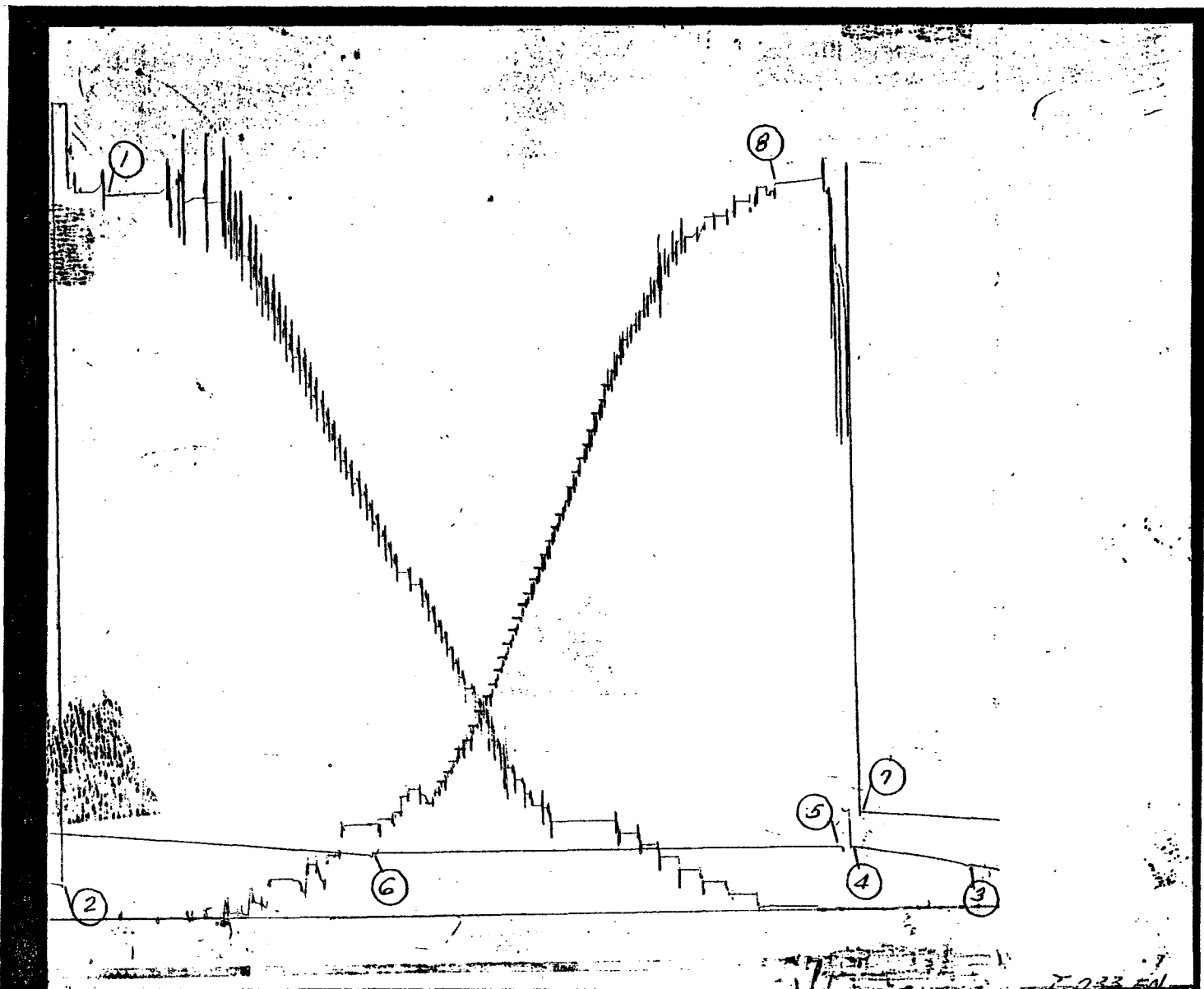
FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.0	13.3	13.3	101	135
2	46.4	167.1	120.7	201	204

***** * SUMMARY OF SHUT-IN PERIODS * *****

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	13.3	44.0	30.7	135	203	135	13.3
2	167.1	286.3	119.2	204	322	204	133.9

FIELD REPORT NO.: 14340 D CAPACITY: 2800#
INSTRUMENT NO.: J-1315 NUMBER OF REPORTS: 5+

JOHNSTON
Schlumberger



PRESSURE LOG

FIELD REPORT NO. 143400

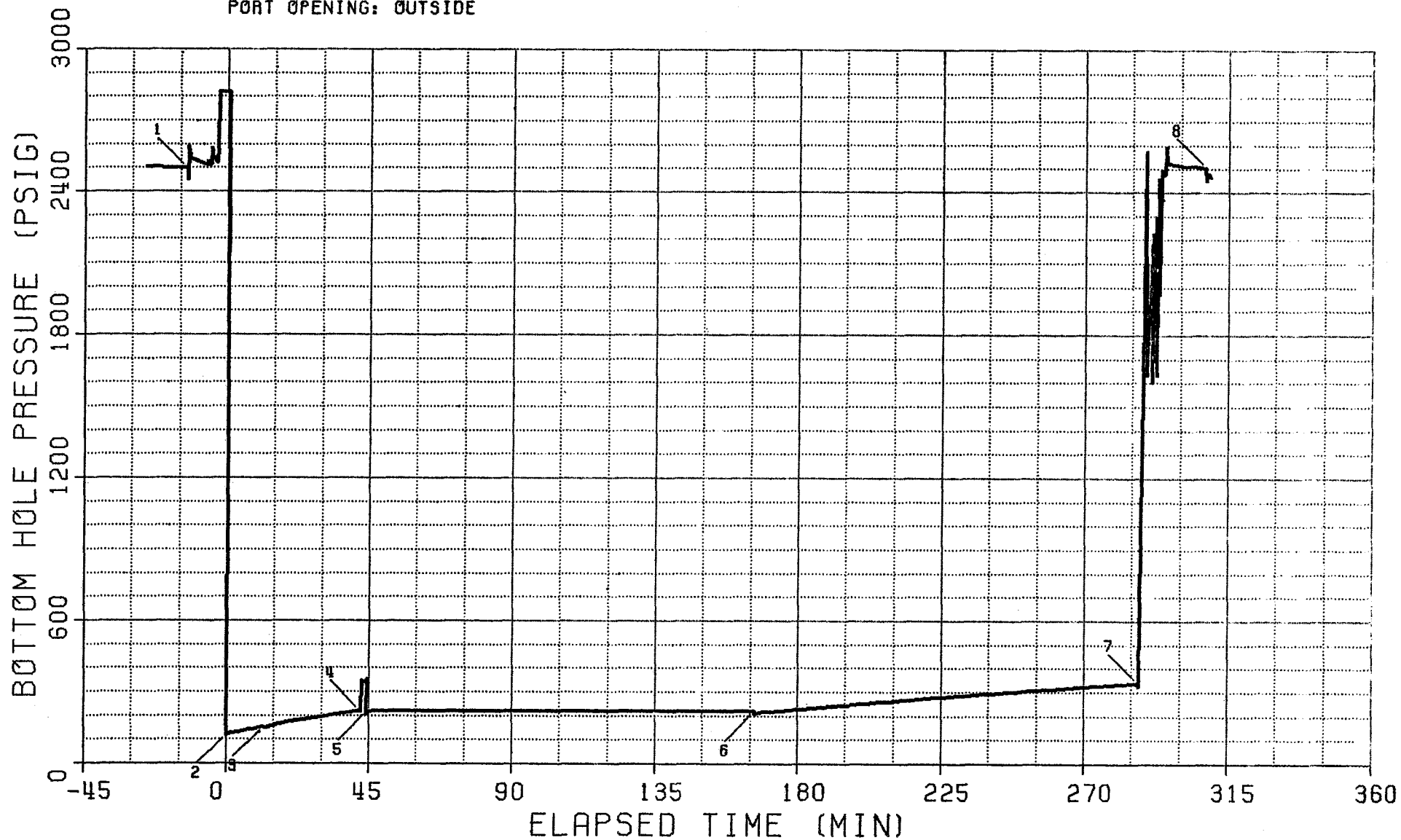
INSTRUMENT:

NUMBER: J-1315

CAPACITY: 2800 PSI

DEPTH: 5333 FT

PORT OPENING: OUTSIDE



BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-1315
PORT OPENING: OUTSIDE

CAPACITY (PSI): 2800
BOTTOM HOLE TEMP (F): 124

DEPTH (FT): 5333
PAGE 1

EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	2499	-13.1
START FLOW	2	123	0.0
END FLOW & START SHUT-IN	3	152	11.6
END SHUT-IN	4	221	42.2
START FLOW	5	219	44.7
END FLOW & START SHUT-IN	6	220	166.5
END SHUT-IN	7	339	287.0
HYDROSTATIC MUD	8	2506	307.8

***** * SUMMARY OF FLOW PERIODS * *****

FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.0	11.6	11.6	123	152
2	44.7	166.5	121.8	219	220

***** * SUMMARY OF SHUT-IN PERIODS * *****

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	11.6	42.2	30.6	152	221	152	11.6
2	166.5	287.0	120.5	220	339	220	133.4

FIELD REPORT NO. 14340D
INSTRUMENT NO. J-1315

TEST PHASE : FLOW PERIOD # 1

ELAPSED TIME (MIN) *****	DELTA TIME (MIN) *****	FLOWING PRESSURE (PSIG) *****
0.0	0.0	123
5.0	5.0	136
10.0	10.0	148
11.6	11.6	152

TEST PHASE : SHUT-IN PERIOD # 1

1. FINAL FLOW PRESSURE ["P "] = 152 PSIG
WF
2. PRODUCING TIME ["T "] = 11.6 MIN
P

ELAPSED TIME (MIN) *****	DELTA TIME ["DT"] (MIN) *****	SHUT-IN PRESSURE ["P "] WS (PSIG) *****	LOG [(T +DT)/DT] P *****	DELTA PRESSURE [P - P] WS WF *****
11.6	0.0	152		0
12.6	1.0	151	1.099	-1
13.6	2.0	156	0.831	4
14.6	3.0	159	0.686	7
15.6	4.0	162	0.590	10
16.6	5.0	165	0.520	13
17.6	6.0	168	0.466	16
18.6	7.0	171	0.423	19
19.6	8.0	174	0.388	22
20.6	9.0	176	0.359	24
21.6	10.0	179	0.333	27
23.6	12.0	183	0.293	31
25.6	14.0	188	0.261	36
27.6	16.0	192	0.236	40
29.6	18.0	196	0.215	44
31.6	20.0	200	0.198	48
33.5	22.0	204	0.183	52
35.5	24.0	208	0.171	56
37.5	26.0	212	0.160	60
39.5	28.0	216	0.150	64
41.5	30.0	220	0.141	68
42.2	30.6	221	0.139	69

FIELD REPORT NO. 14340D
INSTRUMENT NO. J-1315TEST PHASE : FLOW PERIOD # 2

ELAPSED TIME (MIN) *****	DELTA TIME (MIN) *****	FLOWING PRESSURE (PSIG) *****
44.7	0.0	219
49.7	5.0	222
54.7	10.0	222
59.7	15.0	222
64.7	20.0	222
69.7	25.0	222
74.7	30.0	222
79.7	35.0	221
84.7	40.0	221
89.7	45.0	221
94.7	50.0	221
99.7	55.0	221
104.7	60.0	221
109.7	65.0	221
114.7	70.0	221
119.7	75.0	220
124.7	80.0	220
129.7	85.0	220
134.7	90.0	220
139.7	95.0	220
144.7	100.0	220
149.7	105.0	220
154.7	110.0	220
159.7	115.0	220
164.7	120.0	220
166.5	121.8	220

TEST PHASE : SHUT-IN PERIOD # 2

1. FINAL FLOW PRESSURE ["P "] = 220 PSIG
2. PRODUCING TIME ["T "] = 133.4 MIN
WF
P

ELAPSED TIME (MIN) *****	DELTA TIME ["DT"] (MIN) *****	SHUT-IN PRESSURE ["P "] WS (PSIG) *****	LOG [(T +DT)/DT] P *****	DELTA PRESSURE [P - P] WS WF *****
166.5	0.0	220		0
167.5	1.0	210	2.128	-9
168.5	2.0	215	1.830	-5
169.5	3.0	216	1.658	-4
170.5	4.0	217	1.536	-2
171.5	5.0	218	1.442	-1
172.5	6.0	219	1.366	0
173.5	7.0	220	1.302	0

FIELD REPORT NO. 14340D
INSTRUMENT NO. J-1315

TEST PHASE : SHUT-IN PERIOD # 2

1. FINAL FLOW PRESSURE ["P "] = 220 PSIG
2. PRODUCING TIME ["T "] = 133.4 MIN
P

ELAPSED TIME (MIN) *****	DELTA TIME ["DT"] (MIN) *****	SHUT-IN PRESSURE ["P "] WS (PSIG) *****	LOG [(T +DT)/DT] P *****	DELTA PRESSURE [P - P] WS WF *****
174.5	8.0	222	1.247	2
175.5	9.0	223	1.199	3
176.5	10.0	224	1.156	4
178.5	12.0	226	1.083	7
180.5	14.0	229	1.022	9
182.5	16.0	231	0.970	11
184.5	18.0	233	0.925	13
186.5	20.0	235	0.885	16
188.5	22.0	238	0.849	18
190.5	24.0	240	0.817	20
192.5	26.0	242	0.787	22
194.5	28.0	244	0.761	25
196.5	30.0	247	0.736	27
201.5	35.0	253	0.682	33
206.5	40.0	258	0.637	38
211.5	45.0	263	0.598	44
216.5	50.0	269	0.564	49
221.5	55.0	274	0.535	54
226.5	60.0	279	0.508	59
231.5	65.0	284	0.485	65
236.5	70.0	290	0.463	70
241.5	75.0	294	0.444	75
246.5	80.0	299	0.426	79
251.5	85.0	304	0.410	84
256.5	90.0	309	0.395	89
261.5	95.0	314	0.381	94
266.5	100.0	319	0.368	99
271.5	105.0	325	0.356	105
276.5	110.0	329	0.345	110
281.5	115.0	334	0.334	114
286.5	120.0	338	0.325	118
287.0	120.5	339	0.324	119

← PRESSURE →

2033

684292-2033

TIME →

684292-2032

Each Horizontal Line Equal to 1000 p.s.i.

684292

[illegible]

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5 3/4"	-	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4928'	
Drill Collars	6 1/2"	2 5/16"	581'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	4'	
Dual CIP Sampler	5"	-	3'	
Hydro-Spring Tester	5"	3/4"	5'	5490'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2 1/4"	4'	5501'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1 1/2"	6'	5509'
Distributor				
Packer Assembly	6 3/4"	1 1/2"	6'	5515'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	3"	25'	
Blanked-Off B.T. Running Case	5 3/4"	2.44"	4'	5540'
Total Depth				5545'

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

PRINT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-35885
2. NAME OF OPERATOR Samedan Oil Corporation		6. IF INDIAN, ALLOTTED OR TRIBE NAME
3. ADDRESS OF OPERATOR 633 17th Street, Suite 1280, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) 1980' FNL and 660' FEL		8. FARM OR LEASE NAME State
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4591' GR 4607' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T40S-R22E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
The subject well was spudded at 8:00 A.M. on December 8, 1979 with Loffland Brothers Rig #211. 8 5/8", 24#, K-55, St & C casing was set at 503' and cemented to surface with 400 sacks. A 7 7/8" hole was drilled to 5625' T.D. While drilling two Drill Stem Tests were run as follows:

DST #1 in Lower Ismay from 5327' to 5370'

DST #2 in Desert Creek from 5515' to 5545'

Neither DST yielded significant amounts of oil or gas. At T.D. open hole logs were run and the well was determined to be sub commercial. On December 24, 1979 the well was plugged and abandoned with the following cement plugs:

#1 50 sacks from 5622' to 5522'

#2 65 sacks from 5465' to 5265'

#3 55 sacks from 2607' to 2507'

#4 45 sacks from 534' to 434'

#5 20 sacks from 60' to 3' below ground level

The drilling rig was released at 10:00 P.M. on December 24, 1979. After the drilling rig has moved off, the 8 5/8" casing will be cut off 3' below ground level and a dry hole marker will be installed.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 1-18-80

BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Division Engineer

DATE December 27, 1979

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-35885
2. NAME OF OPERATOR Samedan Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 633 17th Street, Suite 1280, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL and 660' FEL		8. FARM OR LEASE NAME State
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4591' GR 4607' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T40S-R22E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was spudded at 8:00 A.M. on December 8, 1979 with Loffland Brothers Rig #211. 8 5/8", 24#, K-55, St & C casing was set at 503' and cemented to surface with 400 sacks. A 7 7/8" hole was drilled to 5625' T.D. While drilling two Drill Stem Tests were run as follows:

DST #1 in Lower Ismay from 5327' to 5370'

DST #2 in Desert Creek from 5515' to 5545'

Neither DST yielded significant amounts of oil or gas. At T.D. open hole logs were run and the well was determined to be sub commercial. On December 24, 1979 the well was plugged and abandoned with the following cement plugs:

- #1 50 sacks from 5622' to 5522'
- #2 65 sacks from 5465' to 5265'
- #3 55 sacks from 2607' to 2507'
- #4 45 sacks from 534' to 434'
- #5 20 sacks from 60' to 3' below ground level

The drilling rig was released at 10:00 P.M. on December 24, 1979. After the drilling rig has moved off, the 8 5/8" casing will be cut off 3' below ground level and a dry hole marker will be installed.

RECEIVED

DEC 31 1979

18. I hereby certify that the foregoing is true and correct

SIGNED

Jerry Z. Brown

TITLE

Division Engineer

DIVISION OF
OIL, GAS & MINING

DATE

December 27, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number _____ State #1 _____
Operator Samedan Oil Corporation Address 633 17th Street, #1280, Denver,
Colorado 80202
Contractor Loffland Bros. Co. #211 Address P.O. Box 3565, Grand Junction,
Colorado 81501
Location SE ¼ NE ¼ Sec. 19 T. 40S R. 22E County San Juan

Water Sands

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
	From To	Flow Rate or Head	Fresh or Salty
1.	<u>No water flows encountered during drilling</u>		
2.	_____		
3.	_____		
4.	_____		
5.	_____		

(Continue on reverse side if necessary)

<u>Formation Tops</u>	Hermosa	4314'
	Lower Ismay	5318'
	Desert Creek	5434'
	Akah	5560'
<u>Remarks</u>	T.D.	5625'

RECEIVED

DEC 31 1979

DIVISION OF
OIL, GAS & MINING

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

SAMEDAN OIL CORPORATION
SUITE 1280
THE FIRST OF DENVER PLAZA BUILDING
633 - 17th STREET
DENVER, COLORADO 80202

January 9, 1980

Mr. Michael T. Minder
State of Utah
Div of Oil, Gas & Mining
1588 W. North Temple
Salt Lake City, Utah 84116

Re: Samedan Oil
#1 State
Sec. 19, T40S-R22E
San Juan County, Utah

Dear Mr. Minder:

In regard to your letter of September 19, 1979, we have found that we did not receive an approved copy of the "Permit to Drill". Also we have not received the approved copy of the "Sundry Notices and Reports on Wells" showing the locations of the plugs. We would appreciate your sending us an approved copy of these forms as soon as possible.

Should you have any questions regarding the above, please contact this office.

Yours very truly,

SAMEDAN OIL CORPORATION

Michele Camaioni
Michele Camaioni

RECEIVED

JAN 11 1980

DIVISION OF
OIL, GAS & MINING

mc

SAMEDAN OIL CORPORATION
SUITE 1280
THE FIRST OF DENVER PLAZA BUILDING
633 - 17th STREET
DENVER, COLORADO 80202

Mc
RECEIVED
JAN 14 1980

DIVISION OF
OIL, GAS & MINING

January 11, 1980

Mr. Michael T. Minder
State of Utah
Div of Oil, Gas & Mining
1588 W. North Temple
Salt Lake City, Utah 84116

Re: Samedan Oil
#1 State
Sec. 19, T40S-R22E
San Juan County, Utah

Dear Mr. Minder:

As per our telephone conversation of this date, I am enclosing a copy of the "Sundry Notices and Reports on Wells" for the above captioned well. This will give the history of the well and the plugging record. Also enclosed is "Report of Water Encountered During Drilling".

Should you need any other information, please do not hesitate to contact this office.

Yours very truly,

~~SAMEDAN OIL CORPORATION~~

Michele Camaioni
Michele Camaioni

mc

Encl.

March 18, 1980

Samedan Oil Corp.
633 17th St.
Suite 1280
Denver, Colorado 80202

Re: Well No. State #1
Sec. 19, T. 40S, R. 22E.
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Janice Tabish
JANICE TABISH
CLERK TYPIST

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

March 18, 1980

Samedan Oil Corp.
633 17th St.
Suite 1280
Denver, Colorado 80202

Re: Well No. State #1
Sec. 19, T. 40S, R. 22E.
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Janice Tabish
JANICE TABISH
CLERK TYPIST

Well Plugged & Abandoned !!
JTB

SAMEDAN OIL CORPORATION
SUITE 1280
THE FIRST OF DENVER PLAZA BUILDING
633 - 17th STREET
DENVER, COLORADO 80202

March 21, 1980

State of Utah
Dept. of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

ATTENTION: Janice Tabish

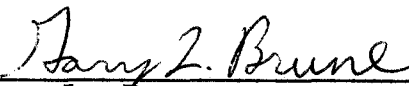
Re: No. 1 State Well
Sec. 19, T40S-R22E
San Juan Co., Utah

Dear Ms. Tabish:

Please find enclosed a copy of the approved Sundry Notice of Abandonment for the subject well. Also enclosed are DST reports, Well Summary and Drill Cuttings Log. We will have Schlumberger Well Services forward you a set of Open Hole Electric Logs.

Yours very truly,

SAMEDAN OIL CORPORATION



Gary L. Brune
Division Engineer

GLB/kk
Encl

RECEIVED

MAR 24 1980

DIVISION OF
OIL, GAS & MINING

March 24, 1980

Samedan Oil Corp.
633 17th St.
Suite 1280
Denver, Colorado 80202

Re: Well No. State #1
Sec. 19, T. 40S, R. 22E.
San Juan County, Utah

Gentlemen:

This letter is in reference to a Sundry Notice dated 12-27-79, stating that the above mentioned well was plugged and abandoned.

According to our rules and regulations, we require a Well Completion Report to be filed within ninety (90) days after being completed or abandoned. To complete our files, please fill out the enclosed Form OGC-3, in duplicate and forward them to this office.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK-TYPIST

SUBMIT IN DUPLICATE*

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

API # 43-037-30497

5. LEASE DESIGNATION AND SERIAL NO.

ML-35885

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 19, T40S-R22E

12. COUNTY OR PARISH

13. STATE

San Juan

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Plug & Abandon

2. NAME OF OPERATOR
Samedan Oil Corporation3. ADDRESS OF OPERATOR
633 17th St Ste 1280, Denver, CO 802024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface

1980' FNL & 660' FEL, SE NE

At top prod. interval reported below

At total depth

SAME

14. PERMIT NO. DATE ISSUED

43-037-30497

15. DATE SPUDDED 12/8/79 16. DATE T.D. REACHED 12/22/79 17. DATE COMPL. (Ready to prod.) 12-24-79 P4A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4591' GR 4607 KB 19. ELEV. CASINGHEAD 4591

20. TOTAL DEPTH, MD & TVD 5625' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-5625' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog w/SP, FDC/CNL w/GR & Caliper BHC Sonic & Caliper w/GR No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	503'	12 1/4	400 sx - circulated	----

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. PERCENTAGE API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available information.

SIGNED

Gary Burne

TITLE Division Engineer

DIVISION OF
OIL, GAS & MINING
DATE 3/27/80

*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED
MAR 31 1980

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Lower Ismay	5318	5424	DST #1 from 5327 to 4370' rec 390' drilling mud & 60' slightly oil & gas cut mud				
Desert Creek	5424	5560	DST #2 from 5515' to 5545' rec 35' drilling mud. No oil or gas shows.				